

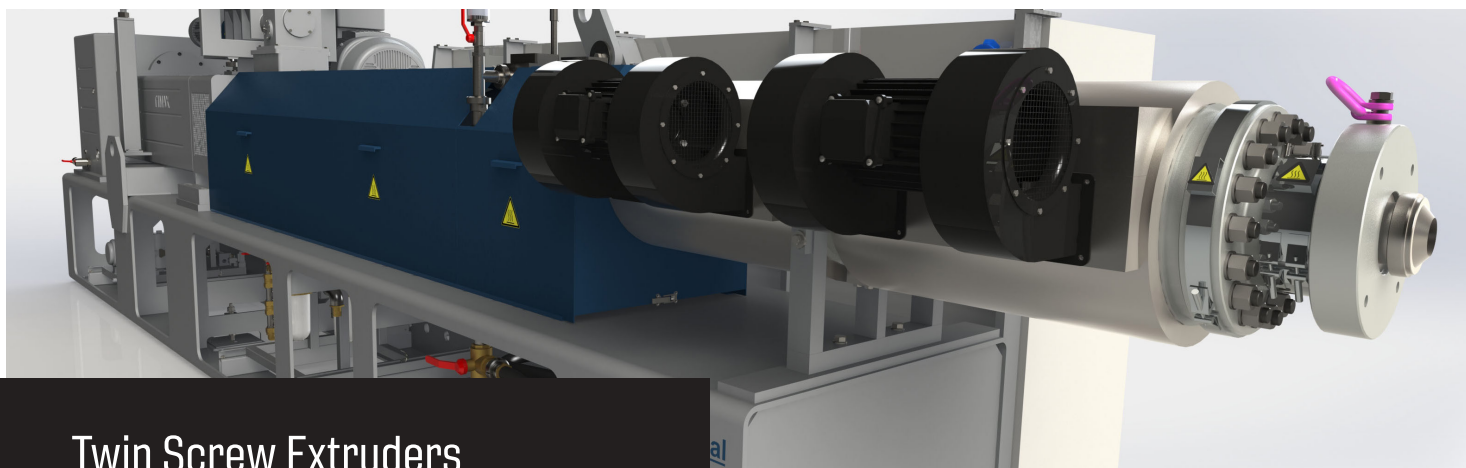
Twin Screw Extruders

Rollepaal offers a wide range of high capacity PVC extruders with screws from 22L/D up to 36L/D, depending on application and output. The twin screw extruders (T-Rex) have a wide processing window for reliable pipe production at low reject rates. The robust design and controls with proprietary software give operators the opportunity to reach for higher productivity at each stage of the pipe extrusion process.

Benefits of our twin screw extruders:

- Output capabilities of up to 1.800 kg/hr / 4.000 lbs/hr
- Improved screw design for a longer effective screw length
- Direct torque control for a more constant screw rpm
- Lower specific energy consumption
- Internal screw cooling
- Air-cooled barrel for a more gradual cooling
- Highly efficient direct AC drive
- Windows based controls reducing training requirements
- Recipe storage for enhanced user reproducibility

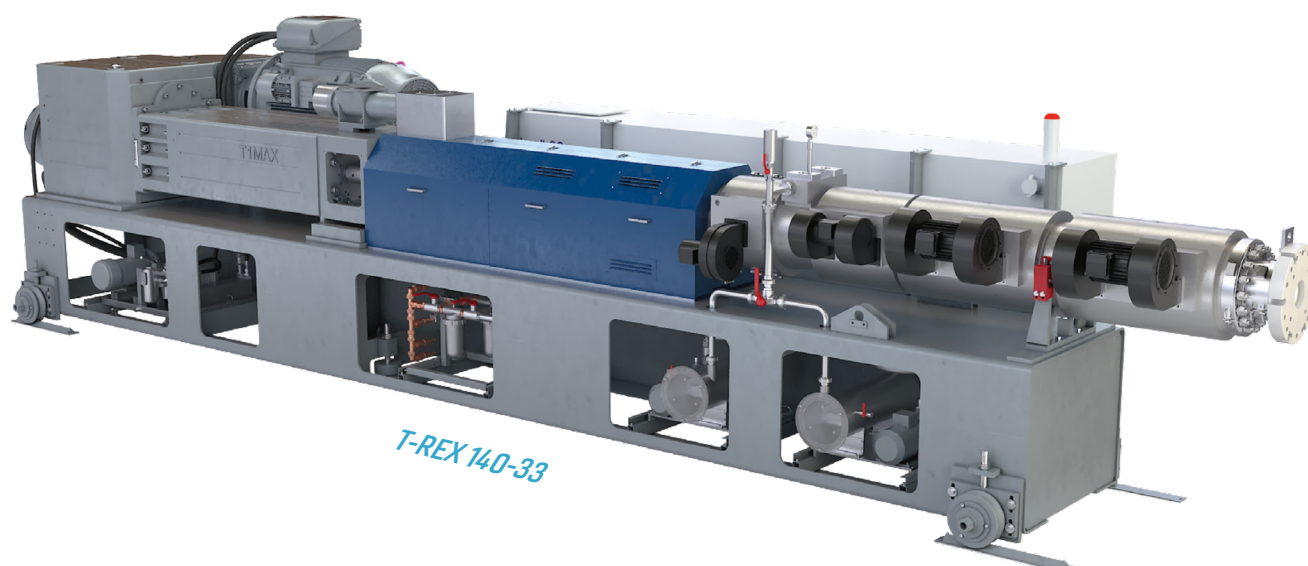
The screw geometry has been developed for a large processing window and in combination with the direct drive concept it provides a higher quality homogeneous melt. The innovative and technological features of the T-Rex extruders result in increased energy savings.



Twin Screw Extruders

Product range

	T-Rex 70-22	T-Rex 75-22	T-Rex 75-30	T-Rex 75-33	T-Rex 90-30	T-Rex 90-33	T-Rex 105-30	T-Rex 125-30	T-Rex 125-33	T-Rex 140-33
Maximum output (kgs/hr - lbs/hr)	150/ 330	250/ 500	400/ 880	500/ 1100	650/ 1430	800/ 1760	1000/ 2200	1100/ 2400	1400/ 3000	1800/ 4000
Effective L/D ratio	22	22	30	33	30	33	30	30	33	33
Screw diameter (mm)	72	75	75	75	91	91	107	127	127	143
Motor power (kW)	20	25	45	55	75	75	110	140	160	220



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 PIPE EXTRUSION